What is claimed is:

- 1. A method of forming a conductive thin film pattern, comprising:
- a first step of forming an underfilm made of a conductor on a substrate;
- a second step of selectively forming a first resist frame on the underfilm;
- a third step of forming a first conductive layer pattern by making selective plating growth using the first resist frame as a mask and using the underfilm as an electrode film occur;
- a fourth step of forming an intermediate conductive layer so as to cover the first resist frame and the first conductive layer pattern;
- a fifth step of selectively forming a second resist frame in a position corresponding to the first resist frame on the intermediate conductive layer;
- a sixth step of forming a second conductive layer pattern by making selective plating growth using the second resist frame as a mask and using the intermediate conductive layer as an electrode film occur; and
- a seventh step of completing formation of the conductive thin film pattern by removing the first and second resist frames, the intermediate conductive layer in a portion sandwiched by the resist frames, and the underfilm.
- 2. A method of forming a conductive thin film pattern according to claim 1, wherein in the fourth step at least the second resist frame is

formed by using a liquid photoresist material.

- 3. A method of forming a conductive thin film pattern according to claim 1, wherein in the fourth step, the intermediate conductive layer is formed by using a material having the same composition as that of at least one of the first and second conductive layer patterns.
- 4. A method of forming a conductive thin film pattern according to claim 2, wherein in the fourth step, the intermediate conductive layer is formed by using a material having the same composition as that of at least one of the first and second conductive layer patterns.
- 5. A method of manufacturing a thin film magnetic head including a conductive thin film pattern,

wherein a step of forming the conductive thin film pattern comprises:

- a first step of forming an underfilm made of a conductor on a substrate;
- a second step of selectively forming a first resist frame on the underfilm;
- a third step of forming a first conductive layer pattern by making selective plating growth using the first resist frame as a mask and using the underfilm film as an electrode film occur;
 - a fourth step of forming an intermediate conductive layer so as to

cover the first resist frame and the first conductive layer pattern;

a fifth step of selectively forming a second resist frame in a position corresponding to the first resist frame on the intermediate conductive layer;

a sixth step of forming a second conductive layer pattern by making selective plating growth using the second resist frame as a mask and using the intermediate conductive layer as an electrode film occur; and

a seventh step of completing formation of the conductive thin film pattern by removing the first and second resist frames, the intermediate conductive layer in a portion sandwiched by the resist frames, and the underfilm.

- 6. A method of manufacturing a thin film magnetic head according to claim 4, wherein a thin film coil for generating a signal magnetic field for performing magnetic recording is formed by using the step of forming the conductive thin film pattern.
- 7. A method of manufacturing a thin film magnetic head according to claim 4, wherein a wiring pattern functioning as a conductive lead is formed by using the step of forming the conductive thin film pattern.
- 8. A method of manufacturing a thin film inductor including a conductive thin film pattern,

wherein a step of forming the conductive thin film pattern

comprises:

a first step of forming an underfilm made of a conductor on a substrate;

a second step of selectively forming a first resist frame on the underfilm;

a third step of forming a first conductive layer pattern by making selective plating growth using the first resist frame as a mask and using the underfilm as an electrode film occur;

a fourth step of forming an intermediate conductive layer so as to cover the first resist frame and the first conductive layer pattern;

a fifth step of selectively forming a second resist frame in a position corresponding to the first resist frame on the intermediate conductive layer;

a sixth step of forming a second conductive layer pattern by making selective plating growth using the second resist frame as a mask and using the intermediate conductive layer as an electrode film occur; and

a seventh step of completing formation of the conductive thin film pattern by removing the first and second resist frames, the intermediate conductive layer in a portion sandwiched by the resist frames, and the underfilm.

9. A method of manufacturing a thin film inductor according to claim 7, wherein a wiring pattern functioning as a conductive lead is formed by using the step of forming the conductive thin film pattern.

10. A method of manufacturing a micro device including a conductive thin film pattern,

wherein a step of forming the conductive thin film pattern comprises:

- a first step of forming an underfilm made of a conductor on a substrate;
- a second step of selectively forming a first resist frame on the underfilm;
- a third step of forming a first conductive layer pattern by making selective plating growth using the first resist frame as a mask and using the underfilm as an electrode film occur;
- a fourth step of forming an intermediate conductive layer so as to cover the first resist frame and the first conductive layer pattern;
- a fifth step of selectively forming a second resist frame in a position corresponding to the first resist frame on the intermediate conductive layer;
- a sixth step of forming a second conductive layer pattern by making selective plating growth using the second resist frame as a mask and using the intermediate conductive layer as an electrode film occur; and
- a seventh step of completing formation of the conductive thin film pattern by removing the first and second resist frames, the intermediate conductive layer in a portion sandwiched by the resist frames, and the underfilm.

11. A conductive thin film pattern comprising:

an underfilm pattern made of a conductor;

a first conductive layer pattern formed by selective plating growth using the underfilm pattern as an electrode film on the underfilm pattern;

an intermediate conductive layer pattern formed on the first conductive layer pattern; and

a second conductive layer pattern formed by selective plating growth using the intermediate conductive layer pattern as an electrode film on the intermediate conductive layer pattern.